

CELL SURFACE MOLECULE MEDIATING CELL ADHESION AND
SIGNAL TRANSMISSION

5 Abstract of the Disclosure

Novel cell surface molecules recognized by monoclonal
antibodies against a cell surface molecule of lymphocytic
cells that play an important role in autoimmune diseases
and allergic diseases have been isolated, identified, and
10 analyzed for their functions. The cell surface molecules
are expressed specifically in thymocytes, lymphocytes
activated by ConA-stimulation, and peripheral blood
lymphocytes, and induce cell adhesion. Antibodies against
the cell surface molecules significantly ameliorate
15 pathological conditions of autoimmune diseases and allergic
diseases.

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